



PRODUCT DATASHEET

TERMINATOR™ ZP-AMBIENT

AMBIENT SENSING THERMOSTAT

APPLICATION

The Terminator ZP-Ambient thermostat is designed to provide ambient sensing control of electric heat tracing circuits for freeze protection of piping and vessels. This thermostat can be used to control a heating circuit or as pilot control of a contactor switching multiple heat tracing circuits¹.

A rugged nonmetallic enclosure provides watertight and dust tight protection (per IP66). External hardware is stainless steel.

The Terminator ZP-Ambient thermostat is approved for use in ordinary (nonclassified) areas and is certified to the ATEX directive for use in Category 2 and 3 (Zone 1 and 2) classified areas and the IECEx Scheme.

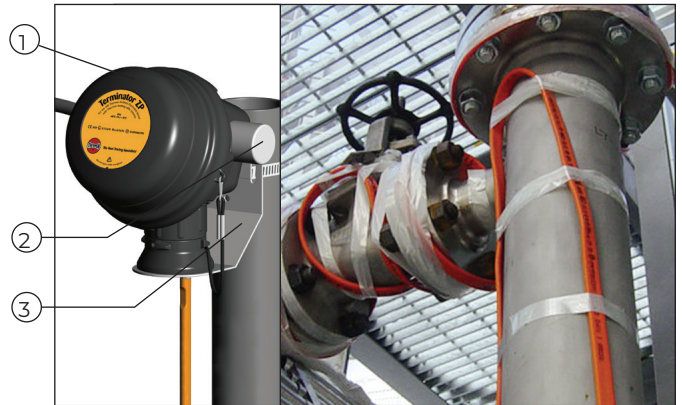
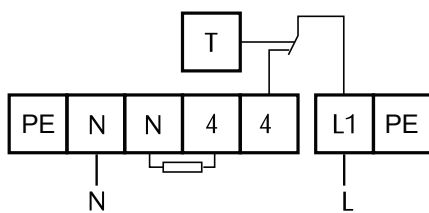
RATINGS

Enclosure rating..... IP66
 Voltage Rating..... 120/250 Vac
 Switch Rating..... 16 A (Ohmic), NC contact
 Switch Type..... Bimetallic
 Ambient temperature range..... -50°C to +50°C
 Electrical connection²..... terminal block
 Operating temperature
 Opening temperature..... +11,7°C ± 2,8°C
 Closing temperature..... +3,3°C ± 3,3°C
 Sensor material..... chromium-plated brass

Notes

- Standard configuration is pilot control of a contactor switching multiple heat tracing circuits. When the thermostat is used to switch other types of heating cable, please contact Thermon.
- The Terminator-Ambient utilizes two M25 entries and is shipped with one M25 blind plug. Refer to Form TEP0057U for additional accessories.

TYPICAL WIRING DIAGRAM



CONSTRUCTION

- Junction box, glass-reinforced polymer with DIN rail mounted terminal blocks
- Ambient temperature sensor
- Stainless steel mounting bracket

CERTIFICATION/APPROVAL

CE 0344 Ex II 2 G Ex eb mb IIC T6...T4 Gb, FM 10ATEX0058X

IEC IECEx IECEx FMG 10.0022X Ex eb mb IIC T6...T4 Gb

PRODUCT REFERENCE LEGEND

Terminator-ZP-Ambient-P-WP

Area Designation
 P = BSX, HTSX, KSX, FP,
 HPT, RSX, USX, VSX-HT

Mounting Options
 XP = Pipe-Mount Expediter
 WP = Wall Mount Bracket with Expediter

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